

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SG2005/000106

A. CLASSIFICATION OF SUBJECT MATTER		
Int. Cl. 7: G06T 7/60, A61B 5/055		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols)		
WPAT		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
WPAT, INTERNET: direction, plane, axis, brain, cranium, head, image, slice, sagittal, 3D, volume, MRI		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	"Automatic Extraction of the Central Symmetry (Mid-Sagittal) Plane from Neuroradiology Images" Yanxi Liu et al. The Robotics Institute, Carnegie Mellon University, Pittsburgh, PA, USA, 1996. Retrieved on 6 May 2005, from URL; http://www.ri.cmu.edu/pub_files/pub2/liu_yanxi_1996_1/liu_yanxi_1996_1.pdf See the whole document.	11-13
X	"Robust Midsagittal Plane Extraction from Normal and Pathological 3-D Neuroradiology Images" Yanxi Liu et al. IEEE Transactions on Medical Imaging, Vol. 20, No. 3, March 2001, Pages 175-191. See the whole document	11-13
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C <input checked="" type="checkbox"/> See patent family annex		
* Special categories of cited documents:		
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art	
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family	
"P" document published prior to the international filing date but later than the priority date claimed		
Date of the actual completion of the international search 27 May 2005	Date of mailing of the international search report 16 JUN 2005	
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaaustralia.gov.au Facsimile No. (02) 6285 3929	Authorized officer Andrea Hadley Telephone No: (02) 6283 2222	

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SG2005/000106

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2003/060827 A1 (KENT RIDGE DIGITAL LABS) 24 July 2003 See the whole document	11-13
X	"Computation of the Mid-Sagittal Plane in 3-D Brain Images" S. Prima et al. IEEE Transactions on Medical Imaging, Vol. 21, No. 2, February 2002, Pages 122-138. See the whole document	11-13
A,P	WO 2004/034178 A2 (LABORATORIES FOR INFORMATION TECHNOLOGY) 22 April 2004	

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/SG2005/000106

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report				Patent Family Member			
WO	03060827	AU	2002236414	EP	1474782	US	2004240753
WO	2004034178	AU	2002348568				
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.							
END OF ANNEX							